



### **A Virginia Project**

Crane operators and riggers from W.O. Grubb, Richmond, Va., lift a cantilevered roof truss during construction of an aircraft maintenance hangar being built in the SP Area of Naval Station Norfolk.

Each of the five trusses in the hangar is 155 feet long, weighs 110,000 pounds and is made of steel pipes, ranging in size from 12 to 18 inches in diameter. These trusses cantilever the entire length of the hangar bay, approximately 85 feet, and support the entire roof of the hangar as well as interior cranes and other items. The fabricator, Banker Steel of Lynchburg, Va., completely assembled each truss in the shop and then took it apart prior to shipping to make sure each piece would fit in the field.

The \$11.6 million project, designed by TranSystems Corp. of Norfolk, is being built by American Bridge Company, of Williamsburg. Construction is being managed by the Naval Facilities Engineering Command, Atlantic Division in Norfolk. The hangar will be completed in the spring of 2003. (U.S. Navy photo by John E. Peters)